

QIBA CT Angiography Biomarker Committee (BC) Call

24 January 2023 at 11 AM CT

Call Summary

In Attendance

Andrew Buckler, PhD (Co-Chair)

James Kevin DeMarco, MD

Mathis Konrad, MSc

Seth T. Lirette, PhD

Hugo Marques, MD, PhD

Nancy Obuchowski, PhD

Todd Villines, MD

RSNA Staff

Julie Lisiecki

Moderator: Andrew Buckler, PhD

Discussion topics:

- Review of comments made during Stage 3 (Clinically Feasible) BC vote
- Review of Profile edits
- Next steps

Profile edits reviewed:

- Profile edits and feedback from Mr. Konrad reviewed
 - Two tables with differing information were found in section 4 (type definitions); this was revised
- It was found that only two sites participated in the feasibility testing: not the required three
 - Since the Stage 3 requirements have not been met, BC leadership will advise the CT Coordinating Committee of this, ask if two sites would be acceptable, or if judgement is this is a hard requirement to add a third
- Actor conformance and statistical issues were reviewed by Dr. Obuchowski and addressed in document revisions
- This Profile is focused on histology-defined definitions and some terminology that is commonly used in the field is not in the Profile, e.g., non-calcified plaque and low attenuation plaque. After team discussion, clarification was added in a footnote regarding the inclusion of tissues in plaque burden and percent atheroma volume measurands.

Action items (some ongoing): please strike if complete

- [RSNA Staff](#) to prepare ballot for advancement of Profile to Stage 3 (Clinically Feasible) for CT CC vote pending Stage 3 requirements clarification from QIBA Leadership (**1/26 update:** once a 3rd site has provided additional response and [comment resolution](#) is received)
- [Dr. Samei](#) to add phantom direction scanner placement to imQuest analysis software
- [Dr. Samei](#) to send paper citation to Dr. Buckler
- Questions or comments regarding the Profile may be directed to: [Drs. Buckler](#), [Saba](#), and [Schoepf](#).

Next call: Tuesday, February 14th at 11 am CT

Links for more information:

- [Profile Stages](#) | [CTA Profile \(March 2020 version\)](#) | [Public Comment Resolution Page](#)
- [CTA BC wiki](#) | [FDA Medical Device Development Tools](#)